1. (Currently amended) A data output device for transmitting information data including bar-code data, which is read from a bar-code, to an external computer comprising:

bar-code reading means for reading the bar-code data;

data storing means in which identification data for individually specifying the data output device is stored; ~~and~~

control means for transmitting information data which is generated by combining the identification data with the bar-code data read by the bar-code reading means ‚ and

an interface communicating the information data with a mobile phone,

wherein said data output device is adapted to be connected to said mobile phone in an attachable/detachable manner.

2-3. (Cancelled)

4. (Currently amended) A system for gathering information comprising:

at least one data output device connected to a terminal that can communicate with a communication network, the data output device comprising bar-code reading means for reading bar-code data from a bar-code, data storing means for storing identification data which individually specifies the data output device, ~~and~~ control means for transmitting information data to the terminal, the information data being generated by combining the identification data with the bar-code data , and an interface communicating the information data with a mobile phone, said data output device being adapted to be connected to the mobile phone in an attachable/detachable manner;

a host computer connected to the communication network, the host computer receiving the information data transmitted from the terminal via the communication network; and

data accumulation means, provided in the host computer, for receiving the information data transmitted from the terminal and accumulating the information data therein.

5. (Original) The system for gathering information according to claim 4 further comprising at least one local terminal connected to the communication network for receiving the information data accumulated in the data accumulation means in the host computer through the communication network.

6. (Currently amended) A bar-code reader for transmitting bar-code data which is read from a bar-code, comprising:

a reading section reading bar-code data from a bar-code;

a memory storing said bar-code data having been read;

an operation section and operation control section operating and stopping said reading section;

a control section controlling operation of said memory and said operation section; ~~and~~

a data memory storing identification data for individually specifying said bar-code reader, said identification data being added to said bar-code data read from said bar-code ; and

an interface communicating the bar-code data with the identification data with a mobile phone,

wherein said data output device is adapted to be connected to said mobile phone in a attachable/detachable manner.

7.   (Previously presented)   The bar-code reader according to claim 6, wherein said bar-code is a micro bar-code a thinnest black bar of which being approximately 100μm in width.

8.   (Currently amended) A system for gathering information comprising:

at least one bar-code reader according to claim 6 connected to ~~a terminal enabling communication with~~ a communication network through a mobile phone;

a host computer connected to said communication network, receiving said bar-code data with said identification data transmitted from said terminal via said communication network; and

a storage provided in said host computer receiving said bar-code data with said identification data transmitted from said terminal and accumulating said bar-code data with said identification data therein.

9.   (Previously presented)   The system for gathering information according to claim 8 further comprising at least one local terminal connected to said communication network for receiving said bar-code data with said identification data accumulated in said storage in said host computer through said communication network.

10.   (Previously presented)   The system for gathering information according to claim 8, wherein said bar-code is a micro bar-code a thinnest black bar of which being approximately 100μm in width.

11.   (Currently amended) A method of processing a bar-code, comprising:

reading said bar-code by a bar-code reader;

converting said bar-code having been read into bar-code data by a controller in

said bar-code reader;

storing said bar-code data in a memory in said bar-code reader;

adding identification data stored in a data memory in said bar-code reader to said bar-code data in said memory, said identification data individually specifying said bar-code reader ; and

communicating the bar-code data with the identification data with a mobile phone.

12.   (Previously presented)   The processing method according to claim 11, wherein said bar-code is a micro bar-code a thinnest black bar of which being approximately 100μm in width.

13.   (Currently amended)   A method for gathering information comprising:

reading bar-code data by a bar-code reader connected to a terminal enabling communication with a communication network;

storing said bar-code data in a memory in said bar-code reader;

adding identification data stored in a data memory in said bar-code reader to said bar-code data in said memory, said identification data individually specifying said bar-code reader;

transmitting said bar-code data with said identification data to said communication network through a mobile phone;

receiving said bar-code data with said identification data by a host computer connected to said communication network; and

storing said bar-code data with said identification data transmitted from said bar-code reader in a storage provided in said host computer.

14.   (Previously presented)   The method for gathering information according to claim 13 further comprising receiving said bar-code data with said identification data stored in said storage in said host computer by at least one local terminal connected to said communication network.

15.   (Previously presented)   The method for gathering information according to claim 13, wherein said bar-code is a micro bar-code a thinnest black bar of which being approximately 100μm in width.